

## **Lesson Plan for Video Lesson Year 8 Elements and the Periodic Table**

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### **Previous Work undertaken by the class**

Practical investigations of the physical properties of elements

Division of elements into metals and non metals on the basis of physical properties

Investigated the position of metals and non metals in the periodic table containing photographs of the elements

### **This lesson**

A practical investigation of the chemical properties of metals and non metals conducted as a demonstration because of OH and S considerations.

The non metals Phosphorus and Sulphur were burnt in air in a gas jar containing a little water and universal indicator.

The metal magnesium was burnt in air and the ash added to water containing universal indicator

The colours of the indicators in each case were compared with the colour the indicators in acidic and alkaline solutions

Discussion of the procedures and the conclusions that can be drawn from the experimental results.

### **Immediate follow up**

A practical report will be written using the appropriate text type